



# **OM Update**

**Mr. Bob Lutz, JHU APL**

**11 February 1998**

# **Topics**

- OMT update
- OMDT update

# **OMTv1.3 Development**

- **OM Tech Exchange - 5 Nov**
  - Review/Evaluate OMT Extensions Tables
  - Review/Evaluate Routing Space Table
- **OMTv1.3 Draft 1 - 30 Dec**
- **OMTv1.3 Draft 2 - 21 Jan**
- **OMTv1.3 Final Draft - 5 Feb**

# **OMTv1.3 Highlights**

- **Object Model Identification Table (new)**
- **Routing Space Table (new)**
  - Requires minor mods to Attribute and
  - Parameter Tables
- **Expanded section on HLA/OO relationship**
- **OMT DIF integrated with OMT specification**
- **IEEE format**

# Object Model Identification Table

Object Model Identification Table	
Category	Information
Name	
Version	
Date	
Purpose	
Application Domain	
Sponsor	
POC	
POC Organization	
POC Telephone	
POC Email	
Name	Strike Simulation SOM
Version	1.0 Alpha
Date	1 Jan 1998
Purpose	To provide an example of an object model for a federate that simulates strike operations.

# Routing Space Table

Routing Space Table					
Routing Space	Dimension	Dimension Type	Dimension Range/Set	Range/Set Units	Normalization Function
<r_space>	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
...	...	...	...	...	...
<r_space>	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
Location	X_dim	float	(0-100]	km	linear(X)
	Y_dim	float	(0-100]	km	linear(Y)

# **OMT Evolution**

- **The inclusion of implementation-level information in the OMT has been raised as a potential issue**
- **A tech exchange has been scheduled (13 Feb) to determine if an issue exists, and what is the range of possible options**
- **A synopsis of this tech exchange will be provided at AMG-24, along with a plan-of-action (if necessary)**

# **OMDT**

- **Alpha version of next OMDT release now in hands of testing team**
- **Features**
  - OMTv1.3 compliant
  - OMDD support
  - MOM support (1.3)
  - FED File generation (1.3)
  - Enhanced printing options

# **Testing Team**

- Mitre
- Calspan
- Metron

# Schedule

- 9 Feb - OMDT testing begins
- 26 Feb - OM Tool Meeting
  - Feedback from Testing Team
- 16 March - OMDT release

# **Next Steps**

- **Rational Rose Interface (Spring)**
- **OMDT porting**
  - License buyout complete
  - Porting toolkit to be obtained in late-February
  - Target date for Sun port - 31 March
  - Target date for SGI port - 15 May
- **OM Tool User Group Meetings**
  - TBD